

NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

July 18, 2018

(877) 848-7030; Passcode 5921807

CRITICAL PATH ITEMS		
NERT	NEVADA	AECOM
Tuscany access complete... HOORAY!		

GWETS STATUS			
GW-11	FBR	IX	LIFT STATIONS / WELL FIELDS
<ul style="list-style-type: none"> Hybrid (EQ) Volume 34.5 MG W/W +0.1 MG 	<ul style="list-style-type: none"> Condition normal. 	<ul style="list-style-type: none"> Condition normal (~180 GPM) 	<ul style="list-style-type: none"> Lift Stations normal.
AP-5 TREATMENT	2.0 GPM; Flow adjusted for summer seasonal flow. Since project start: more than 1,500,700 gallons decanted from process tanks; more than 2,001,000 gallons of diluted decant treated. NERT will continue the "seasonal max" treatment approach consistent with the recommendations presented at the 4/26/18 meeting.		

WEIR IX STATUS			
SUNRISE MOUNTAIN	HISTORIC LATERAL	OUTFALL	CENTRAL PLANT
<ul style="list-style-type: none"> Current Flow: 2,181 GPM (Prior Week: 3,109 GPM) Wk Avg Flow: 2,202 GPM (Prior Week: 2,155 GPM) Current CIO4 Conc: 1.0 ppm (Prior Week: 1.0 ppm) Wk CIO4 Avg Conc: 1.0 ppm (Prior Week: 1.0 ppm) 	<ul style="list-style-type: none"> The pump station is off and in standby mode following Las Vegas Paving's completion of dewatering activities at the Historic Lateral Weir. 	<ul style="list-style-type: none"> Current Flow: ~4,900gpm (batch mode) Wk Avg Flow: ~2,300gpm In compliance 	<ul style="list-style-type: none"> Condition normal ~239 trucks of solids shipped to date. Decant procedure to reduce off-site trucking of solids conducted 2/15, 2/20 – 3/9, 3/21 – 3/23, 3/26 – 3/29, 4/4, 4/9 – 4/13, 4/17 – 4/20, 5/14-5/16, 5/30, and 6/4.

NERT REMEDIAL INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Community Involvement	All reviews / approvals complete for updated FAQ. Updates to the Fact Sheet and cover letter in progress.	NDEP review of updated Fact Sheet and cover letter. Mailing of final cover letter, updated FAQ, and 2018 Fact Sheet anticipated to take place in 3 rd Quarter.	Ongoing
Soils Investigation (Unit 4/5)	All 20 vertical wells completed, developed, and sampled. All four angle borings complete. Third mobilization field work complete.	Data evaluation and reporting.	-
Phase 3 RI Investigation	Access to Tuscany property obtained on 7/11. Drilling of soil borings for the Soil Background Concentration Study complete. Installation of Downgradient Study Area wells complete: 9 of 10 located completed; One location could not be installed as refusal (bedrock) was encountered at a depth of 2.5 feet bgs.	Drilling in Tuscany and sampling of 7 remaining Phase 3 RI wells is scheduled to begin 7/30.	Ongoing
Treatability Study: SWF GWB	The third injection event was completed on 6/30.	Performance groundwater monitoring and data evaluation.	Wk 86/90 92%

* **BOLD** items indicate tasks to be discussed

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<u>Treatability Study:</u> <u>IWF In-Situ (Cr)</u>	NDEP comments on Results Report received 4/6/18; Results report Revision 1 submitted on 6/22/18. Additional groundwater sampling performed 7/9/18.	Submittal of report addendum.	99%
<u>Treatability Study:</u> <u>VER</u>	Field efforts complete. Study report submitted on 7/12/18.	Address any comments on report.	99%
<u>Pilot Study: Las Vegas Wash Bioremediation</u>	Biological survey, Phase 1 drilling, and well development complete on COH property. Phase 1 drilling on Clark County property is complete and aquifer testing is underway.	Complete Phase 1 field activities; Present Phase 1 findings and proposed Phase 2 details to all parties.	Wk 16/20 85% (Ph 1 field)
<u>Treatability Study:</u> <u>Galleria Road ZVI</u>	Phase 1 field investigation complete (includes geophysical survey, soil borings, groundwater wells, aquifer testing and NMR logging). Phase 1 bench testing at UNLV is in progress; final phase of batch tests being performed prior to development of column tests.	Present Phase 1 findings and proposed Phase 2 details to all parties.	Wk 16/40 50% (Ph 1 field and bench)
<u>Treatability Study:</u> <u>Galleria Road In-Situ Bioelectrochemical</u>	Bench-scale study implementation in progress. Hydrogen generation for different membranes determined; batch tests are continuing, and column test design has commenced.	Complete bench-scale study.	Wk 10/40 15%
<u>Treatability Study:</u> <u>Galleria Road Bioremediation</u>	All Phase 1 field work has been completed.	Present Phase 1 findings and proposed Phase 2 details to all parties.	99% (Ph 1 field)
Treatability Study: Unit 4 Source Area	Bench scale study underway. Mod 1 for Bench Study approved on 7/6/18. Eight extraction/injection wells, 2 monitoring wells, and 6 geotechnical borings completed in basement. Well development and nuclear magnetic resonance (NMR) logging completed.	Approve Phase 1 budget; Complete Phase 1 activities; Present Phase 1 findings and proposed Phase 2 details to all parties.	Wk 9/36 35% (Ph 1 field)
GW Modeling – Phase 6	Phase 6 model preparation in progress.	Submittal of Phase 6 model revisions to incorporate Phase 5 comments and new RI data. Schedule Stakeholder Roundtable.	Wk 49/100 39%
Operations Area Baseline HRA	Submitted revised COPC/DU Report on 11/15/17; NDEP approved on 12/27/17. Trust provided comments on Neptune's soil background tech memo on 2/7/18. Preparation of OU-1/OU-2 Soil Gas/Groundwater BHRA Work Plan and OU-1 Soil BHRA in progress.	Submittal of OU-1/OU-2 Soil Gas/Groundwater BHRA Work Plan in July; Submittal of OU-1 Soil BHRA in February 2019.	Wk 25/20 97% (for OU-1/OU-2 Work Plan)
<u>Phase 2 Remedial Investigation Modifications</u>	<u>Approved</u> Modification Requests 1 - 11 <u>Submitted</u> Modification Request 12 (Parcel E Investigation)	<u>In Progress</u>	Ongoing

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NERT REMEDIAL INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Phase 3 Remedial Investigation Modifications	<u>Approved</u> Modification Requests 1 - 3 <u>Submitted</u> --	<u>In Progress</u> --	Ongoing

NDEP DOWNGRADIENT INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>AECOM TASK 151 SW Investigation</u>	All surface water related field work has been completed.	Surface water data evaluation and preparation of the SW Technical Memo – due to NDEP 8/16/18	TBD
<u>AECOM TASK 170 GW Investigation</u>	9 of 10 Downgradient Study Area wells installed. The 10 th well, along with well development and sampling to be completed by 7/20/18. Perform bi-monthly well gauging of transducer-equipped wells. NERT review of Tech Memo summarizing 2017 transducer data.	Data evaluation and preparation of Technical Memo.	TBD

GWETS / COP PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>AP-5 Closure</u>	Pond residual solids and cemented/calcified material transfer to be completed this week. Conducted off-site and on-site liner cutting tests.	Begin liner and berm removal.	Ongoing
Pipeline Easements	Title search complete. Approx. 75% of pipeline appears to have significant easement issues.	NERT to determine strategy and budget for continuation of the project.	70%
AP Area Soil Flushing Treatability Study	Field efforts complete. Data evaluation and report preparation in progress	Submittal Results Report.	Wk 89/91 97%

OTHER ENVIRONMENTAL PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
TIMET UIC Compliance	Conceptual treatment plan approved; Ongoing discussion with ETI regarding system configuration and proposal.	Finalize vendor proposals; Present details to NDEP/EPA. Begin dialogue with TIMET and NDEP regarding permitting.	Ongoing
Parcels Risk Assessment	<ul style="list-style-type: none"> Parcel C, D, and G HRA Report, Revision 1 dated 11/3/17 approved by NDEP 1/19/17. Parcel H HRA Report, Revision 1 and RTCs submitted to NDEP on 2/12/18; approved by NDEP 3/22/18. Parcel F HRA Report dated 12/16/17 approved by NDEP 2/1/18 with minor comments to be addressed. Submitted RTCs and corrected pages on 2/27/18; Approved by NDEP with prior letter dated 2/1/18. 	<ul style="list-style-type: none"> Submittal of the NFA requests for Parcels C, D, F, G and H. 	Ongoing

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OTHER ENVIRONMENTAL PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
	<ul style="list-style-type: none"> Submitted March 2013 Soil Gas Sampling revised DVSR/EDD and RTCs on 12/20/17. Second round of comments received on 2/5/18. Submitted revised DVSR/EDD, Revision 2 and RTCs on 2/28/18. NDEP approved on 3/5/18. Revised Parcel F DVSR/EDD and RTCs submitted to NDEP on 2/13/18; approved by NDEP 3/22/18. Development of the NFA requests for Parcels C, D, F, G, and H in progress 		

TRUST ADMINISTRATION			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Budget Status	2018 budget approved.	-	Ongoing
Stakeholder Relations	Finalization of specifics for upcoming Stakeholder Roundtable.	Align on response to MWD/CAP Phase 3 letter.	Ongoing
Tronox LTCA Projects	10 active projects; 0 project approval pending.	--	Ongoing
BWC / BEC Negotiations	<u>In Progress</u> <ul style="list-style-type: none"> LS#2 easement amendment Phase 3 access agreement 	<u>To Be Discussed</u> <ul style="list-style-type: none"> Corrective easements for pipelines 	Ongoing
<u>Chlorine Line</u>	Preparing agreement for Olin's removal of a portion (Units 1 & 2) of pipeline	Partial pipeline removal.	Ongoing
Easement for Parcel E (+ Western Slice)	NERT provided comments re: Henderson GW, LLC draft easement on 9/21; additional comments were received; call with Henderson GW, LLC to discuss comments on 6/5.	Henderson GW to respond to questions raised during 6/5 call.	Ongoing
<u>Perchlorate Reimbursement</u>	Payment of \$7,858,684.17 (100%) received on 6/25/18.	Preparation of Seventh payment demand	Ongoing
<u>AIG Claims</u>	46-B claim submitted on 4/18 for \$112,976.30 and AIG's questions were answered. 47-B submitted on 6/22 for \$86,275.01. All 2017 invoices submitted.	Submittal of 2018 invoices.	Ongoing
<u>Tronox Lease Assignment</u>	Compliance audits complete; Awaiting Tronox approval on data gap work plan.	Preparation of cost estimate.	TBD
Financial Reporting	Q1 and May monthly report distributed.	Distribution of June monthly report.	Ongoing

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